COMPOSITION:
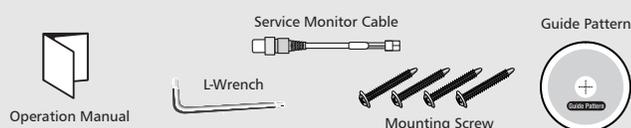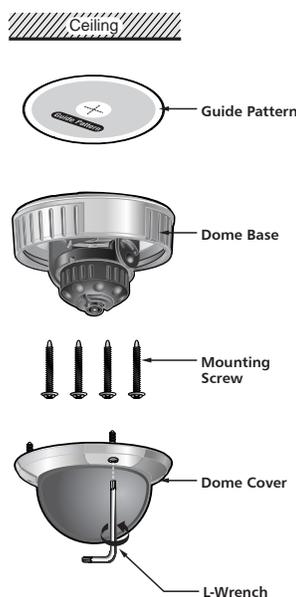
○ You must be fully aware of all the distinctive features and precautions related to this camera before installing it.

- Operation Manual
- Service Monitor Cable
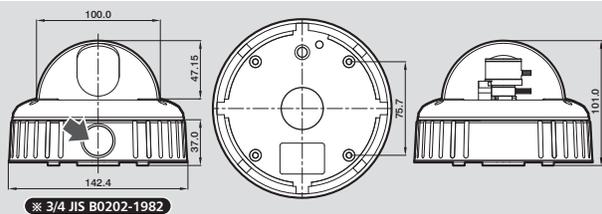- L-Wrench
- Mounting Screw
- Guide Pattern

INSTALLATION:

1 Stick the guide pattern on the wall or ceiling.

2 Drill four holes according to the guide pattern then insert anchors into the drilled holes.

3 Draw out power / video wires to the connecting places.

4 Fix the camera to a celling using four screws.

5 Adjust desired focus and scene by turning and moving the 3-axis camera bracket by hand.

6 Put the dome cover over the base.

7 Fix the dome cover on the base by L-Wrench.

- Ceiling
- Guide Pattern
- Dome Base
- Mounting Screw
- Dome Cover
- L-Wrench

DIMENSIONS(mm):

100.0
47.15
37.0
142.4
76.7
101.0

※ 3/4 JIS B0202-1982

SPECIFICATIONS:

Model	NTSC	PAL
Signal System	NTSC : 525 Lines	PAL : 625 Lines
Scanning System	2 : 1 Interlace	
Scanning Frequency (H)	15.734kHz	15.625kHz
Scanning Frequency (V)	59.94Hz	50Hz
Image Sensor	1/3" SONY Super HAD CCD	
Total / Effective Pixels No.	410K / 380K	470K / 440K
S/N Ratio	More than 50dB (AGC Off)	
Resolution	550 TV Lines	
Video Output Level	1.0 Vp-p (75 Ohms, composite)	
Lens	Fixed Lens : f=4.0mm	
Focus	Manual	
Sync. System	Internal	
Sensitivity	0 Lux, IR LED	
Electronic Shutter	1/60 ~ 100,000 Sec.	1 /50 ~ 100,000 Sec.
White Balance	Auto	
AGC	On / Off	
BLC	On / Off (with Slide Switch)	
Flickerless	On / Off (with Slide Switch)	
Input / Output Connector	Power, Video	
Power Consumption	12VDC (10V~15V) / 5W (Max)	
Dome Size (Ø)	100mm	
Weight	Approx. 844g	

Need Help?
Call 1.800.796.CCTV for sales, service and customer support.
www.honeywellvideo.com

P/N:3810-0055R Rev 0 05/23

Honeywell

HD70 *Series*

Operation Manual

- 1/3" Sony Super HAD CCD
- High Resolution:550 TV Lines
- 4mm Fixed Lens
- Color Day/Night with 24 LEDs
- Auto White Balance
- AGC, BLC, Flickerless On/Off
- Extra Video Output for Installer
- 3-Axis Camera Construction
- Vandal-Resistant Dome Housing

Simple to install

○ READ AND KEEP THIS OPERATION MANUAL
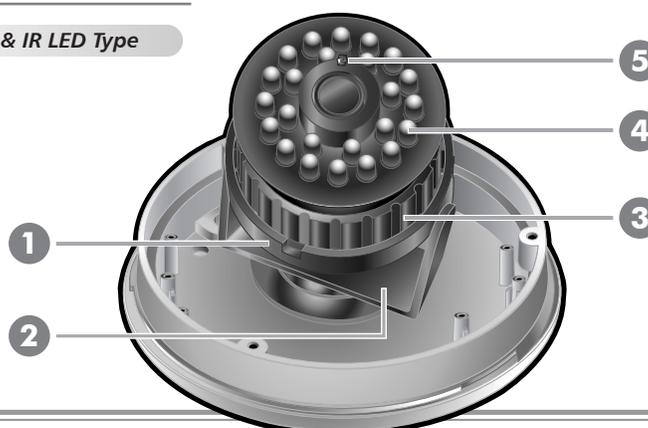

PRECAUTIONS:

! **Do not install the camera in extreme temperature conditions.**
Do use the camera under conditions where temperatures are within -20°C to 45°C.
Be especially careful with ventilation under high temperatures.

! **Do not disassemble the camera.**
There are no user-serviceable parts inside it.

! **Do not drop the camera or subject them to physical shocks.**
It can cause malfunctions to occur.

! **Note**
When this camera is installed near wireless communication devices that emits strong electromagnetic field, irregularity such as noise on the monitor may appear.

NAME AND FUNCTION:

➲ *Fixed Lens & IR LED Type*

1 **Tilt rotation:** Adjusting the vertical angle.
2 **Pan rotation:** Adjusting the horizontal angle.
3 **Horizontal rotation:** Adjusting the horizontal position of the screen.
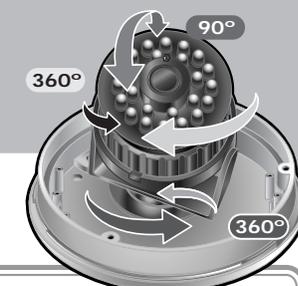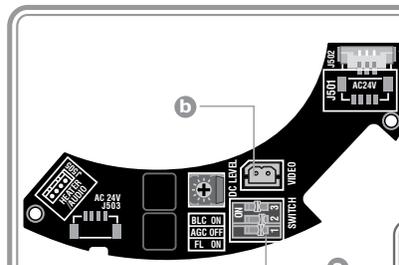4 **IR LED:** 850nm / 30°(24EA)
5 **Sensor**

Camera Lay-out

➲ *IR LED (4mm Fixed Lens)*

- **Power Consumption:** 5W
- **IR LED Specification:** 850nm / 30°(24EA)

○ Design and specifications are subject to change without notice.

● Built-in **3-axis** camera bracket makes it much easier to rotate in any direction.

90°
360°
360°

CAMERA SET-UP:

➲ *Fixed Lens & IR LED Type*

a **Function Selection Switch:**
- FL(Flickerless) ON/OFF
- AGC(Auto Gain Control) ON/OFF
- BLC(Back Light Compensation) ON/OFF

b **Service Monitor Connecter:**
Use service monitor connector to set camera angle & focus when installing.

● **CAUTION :** When AGC is off, D/N does not work because the D/N switching function is dependent on the AGC level.
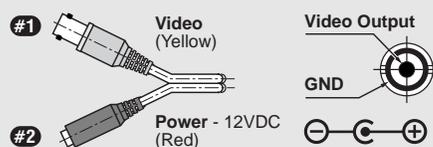
TROUBLESHOOTING:

If you have trouble operating your camera, refer to the following.
If the guidelines do not enable you to solve the problem, contact an authorized technician.

The image does not appear on the screen.	• Check the power source for the monitor and camera and ensure that the voltage and polarity are properly connected and being supplied correctly.
The image on the screen is dim.	• Check if the lens is stained. If dirty, clean the lens with a soft, clean cloth. • Adjust the Back Focus of the lens again.
The camera does not work properly, the surface of the camera case is hot, and a black line appears on the screen.	• Check if you have connected the camera to a proper power source and If there is no problem with the power, turn the unit off immediately and seek assistance from our Customer Service department.
The screen blinks a lot.	• Check if the camera is pointed toward the sun or a fluorescent lamp. • Adjust the angle or location of the camera if too much light is coming into the screen.

CONNECTION:

■ **Connecting to Monitor and Power**

➲ *12VDC Power Type*

#1 **Video** (Yellow)

#2 **Power** - 12VDC (Red)

Video Output
GND

- The wire is polarized.   • Use 12VDC ⎓ power source.

No.	Function	Terminal Color	Remark
#1	Video Output	Yellow	1.0 Vp-p
#2	Power Input	Red	12VDC, Max 5W/ 400mA